

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF AN INTERSECTION
CONTROL BEACON FOR THE INTERSECTION OF MD 75 AND LEWISDALE RD

SPECIAL NOTE

UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL CONTACT MR ROBERT SNYDER
AT 410-787-7631 TO ARRANGE FOR THE PHONE LINE INSTALLATION. THE CONTRACTOR SHALL
PROVIDE MR SNYDER WITH NEAREST ADDRESS AND ZIP CODE.

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

ITEM #	QUANTITY	ITEM DESCRIPTION
9042	1 EA	CONTROLLER ASCII'S WITH TELEMETRY
9044	1 EA	NEMA SIZE 6 BASE MOUNTED CABINET
9571	42 SF	SHEET ALUMINUM MAST ARM/POLE MOUNTED SIGN
		2 EA 16"xVariable D-3(1) STREET NAME SIGNS "Lewisdale RD" DUAL FACED, MAST ARM MOUNTED
		2 EA 24"x72" M95-1 SHIELD ASSEMBLIES, MAST ARM MOUNTED

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
2002	4 CY	TEST PIT EXCAVATION
5005	25 LF	24" HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
8001	8 EA	12" LED SIGNAL HEAD SECTION
8007	2 EA	ANY SIZE LIGHTING ARM ON SIGNAL STRUCTURE
8016	1 EA	MAST ARM POLE AND 38' MAST ARM
8019	1 EA	MAST ARM POLE AND 50' MAST ARM
8022	1 EA	REMOVE AND DISPOSE EXISTING MATERIAL AND EQUIPMENT-PER ASSIGNMENT
8023	1 EA	TWIN MAST ARM POLE AND 60'/50' MAST ARMS
8035	260 LF	SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
8036	115 LF	SCHEDULE 80 RIGID PVC CONDUIT-BORED
8037	225 LF	F&I WOOD SIGN SUPPORTS UP TO 4"x6"
8039	42 SF	INSTALL OVERHEAD OR GROUND MOUNTED SIGN
8041	250 LF	#6 STRANDED BARE COPPER GROUND WIRE
8043	1 EA	METERED SERVICE PEDESTAL-EMBEDDED
8045	30 LF	ELECTRICAL CABLE-1 CONDUCTOR #4AWG-THHN/THWN
8047	3 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8052	1 EA	CUT, CLEAN, GALVANIZE AND CAP SIGNAL STRUCTURE
8056	75 LF	ELECTRICAL CABLE- 5 CONDUCTOR #14 AWG
8057	500 LF	ELECTRICAL CABLE- 7 CONDUCTOR #14 AWG
8058	250 LF	ELECTRICAL CABLE- 2 CONDUCTOR #12 AWG TRAY CABLE
8065	1 EA	INSTALL CONTROLLER AND CABINET-BASE MOUNT

C. EQUIPMENT TO BE RETURNED TO THE SHA

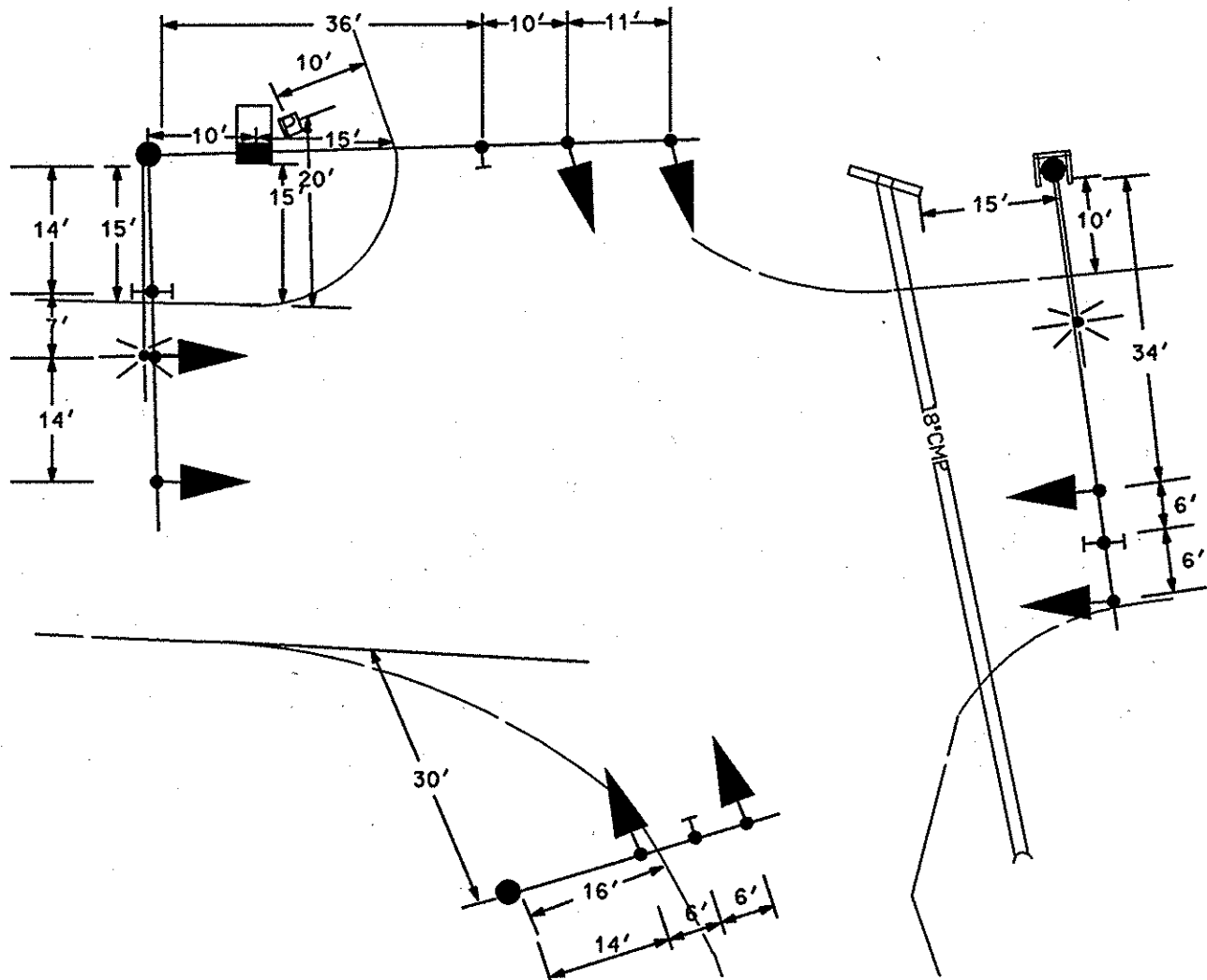
NONE

PROJECT CONTACTS

MR. RICHARD DAFF CHIEF, TRAFFIC OPER. DIV 410-787-7630	MR. ROBERT SNYDER ASST DIV CHIEF, TOD 410-787-7630
MR. JOHN CONCANNON ASST DIST ENG-TRAFFIC 301-624-8140	MR. ED RODENHIZER SUPER. SIGNAL OPERATIONS 410-787-7650
MS. ANDREA ABEND DIST UTILITY ENGINEER 301-624-8115	MR. SONNY BAILEY SUPER. SIGN OPERATIONS 410-787-7670
MS. KRISSY WILEY ALLEGHENY POWER 304-367-3370	

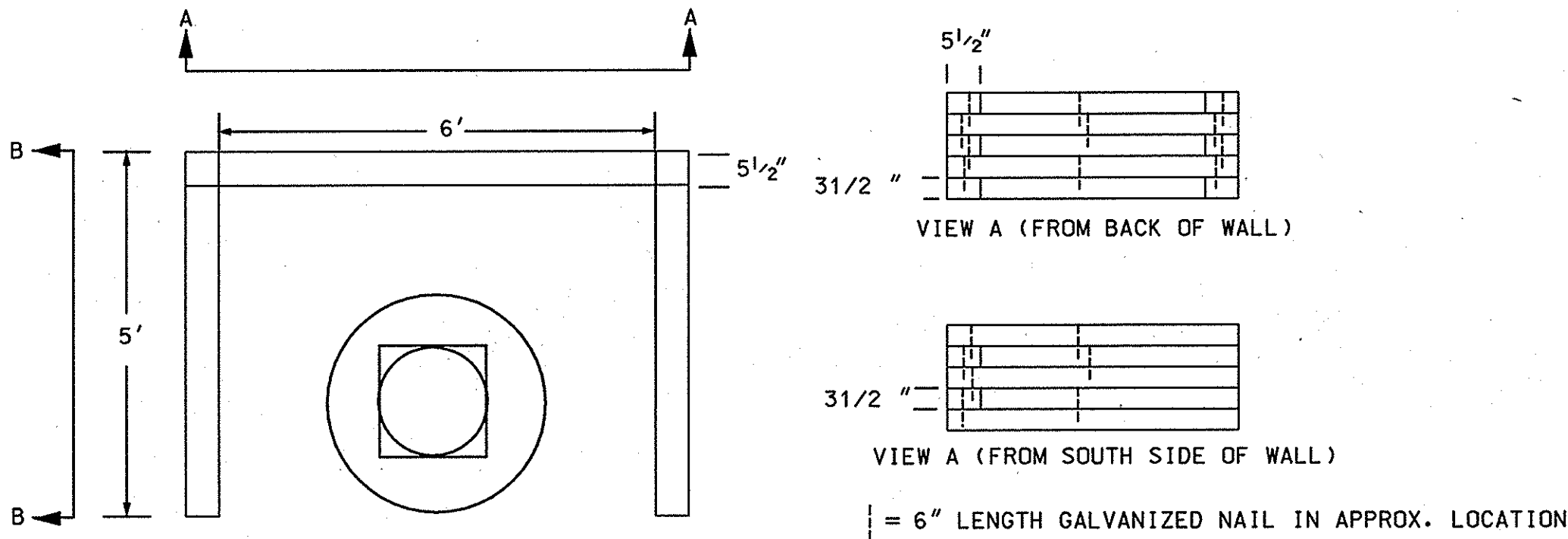
PHASE CHART

1	2	3	4	5	6	7	8
Y	Y	Y	Y	R	R	R	R
FL	YFL	YFL	YFL	YFL	RFL	RFL	RFL



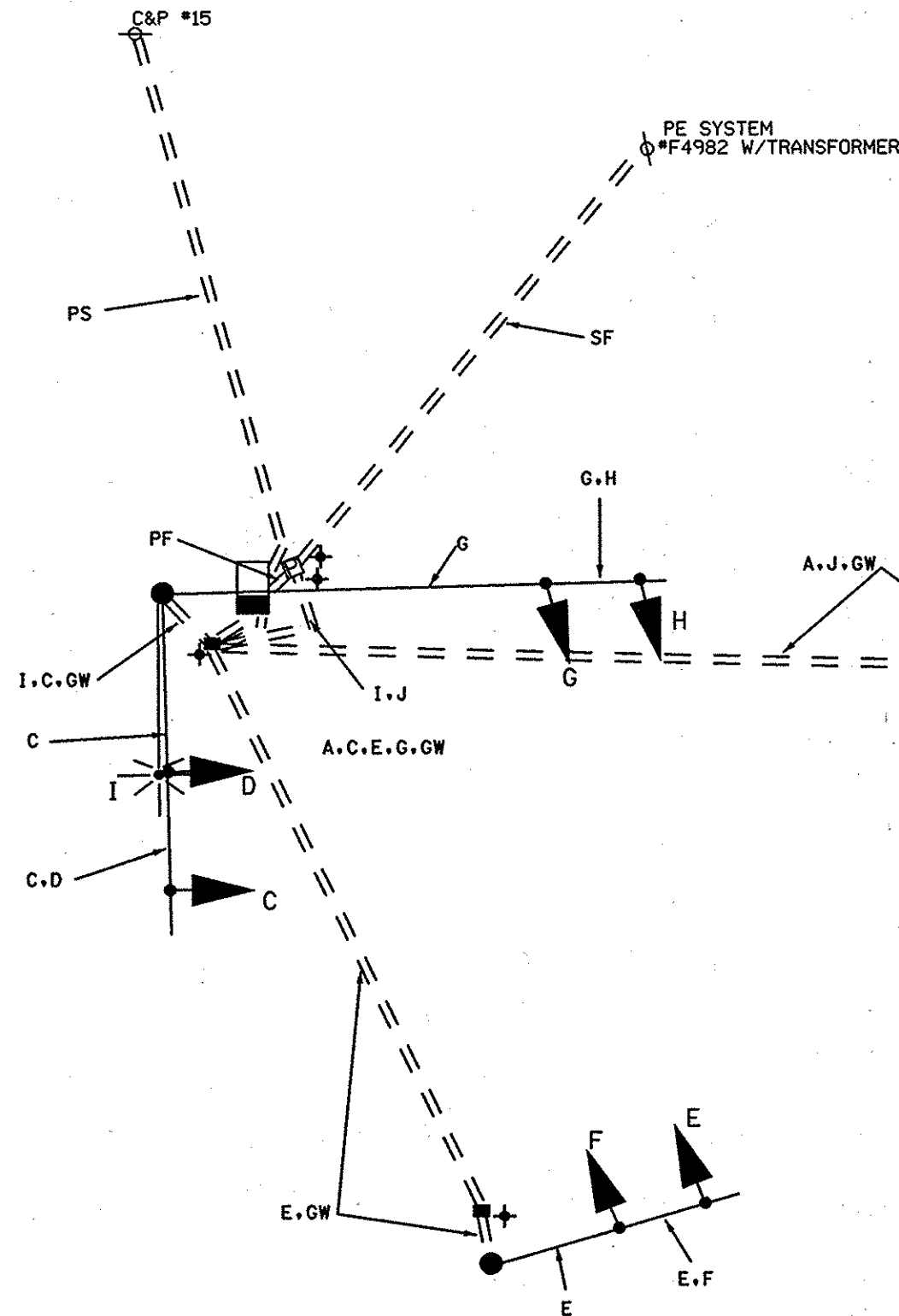
RETAINING WALL DETAIL FOR POLE "B" NW CORNER

NOT TO SCALE



- WALL TO BE CONSTRUCTED USING 4"x6" WOOD SIGN SUPPORTS
- SUPPORTS TO BE LAID ON THE 5 1/2" DIMENSION AND STACKED IN 3 1/2" LAYERS.
- EACH LAYER TO BE SECURED ON EACH CORNER AND APPROX. IN THE MIDDLE OF EACH SIDE USING 6" GALVANIZED NAILS.
- THE "WALL" SHALL BE STARTED ONE COURSE BELOW THE TOP OF THE FOUNDATION AND SHALL EXTEND ONE FULL COURSE ABOVE TOP OF SLOPE.

WIRING DIAGRAM



- A.C.E.G 7-CONDUCTOR #14AWG
B.D.F.H 5 CONDUCTOR #14AWG
I.J 2 CONDUCTOR #12AWG TRAY CABLE
GW #6 STRANDED BARE COPPER GROUND WIRE
PF 1 CONDUCTOR #4 AWG
SF SERVICE TO ALLEGHENY POLE
PS PHONE SERVICE TO C&P POLE
+ GROUND ROD

TOD No.: AT783-07M
SHA No.: FR558A52/B52/M52

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 75 @ Lewisdale Rd

GENERAL INFORMATION SHEET

SCALE	DATE 4/20/06	CONTRACT NO. AT7835185
DESIGNED BY C. STRAIN	COUNTY FREDERICK	
DRAWN BY C. STRAIN	LOGMILE 10007500.40	
CHECKED BY J. BIDDLE	TMS NO. H189	
FAP NO.	TOD NO.	
TS NO. 4479	DRAWING - OF	SHEET NO. 1 OF 2

PLOTTED: Tuesday, April 04, 2006 at 4:13:00 PM
FILE: MD 75 @ Lewisdale.dgn